

Figure 1: TGA Trace for RBZM-2 Batch Material

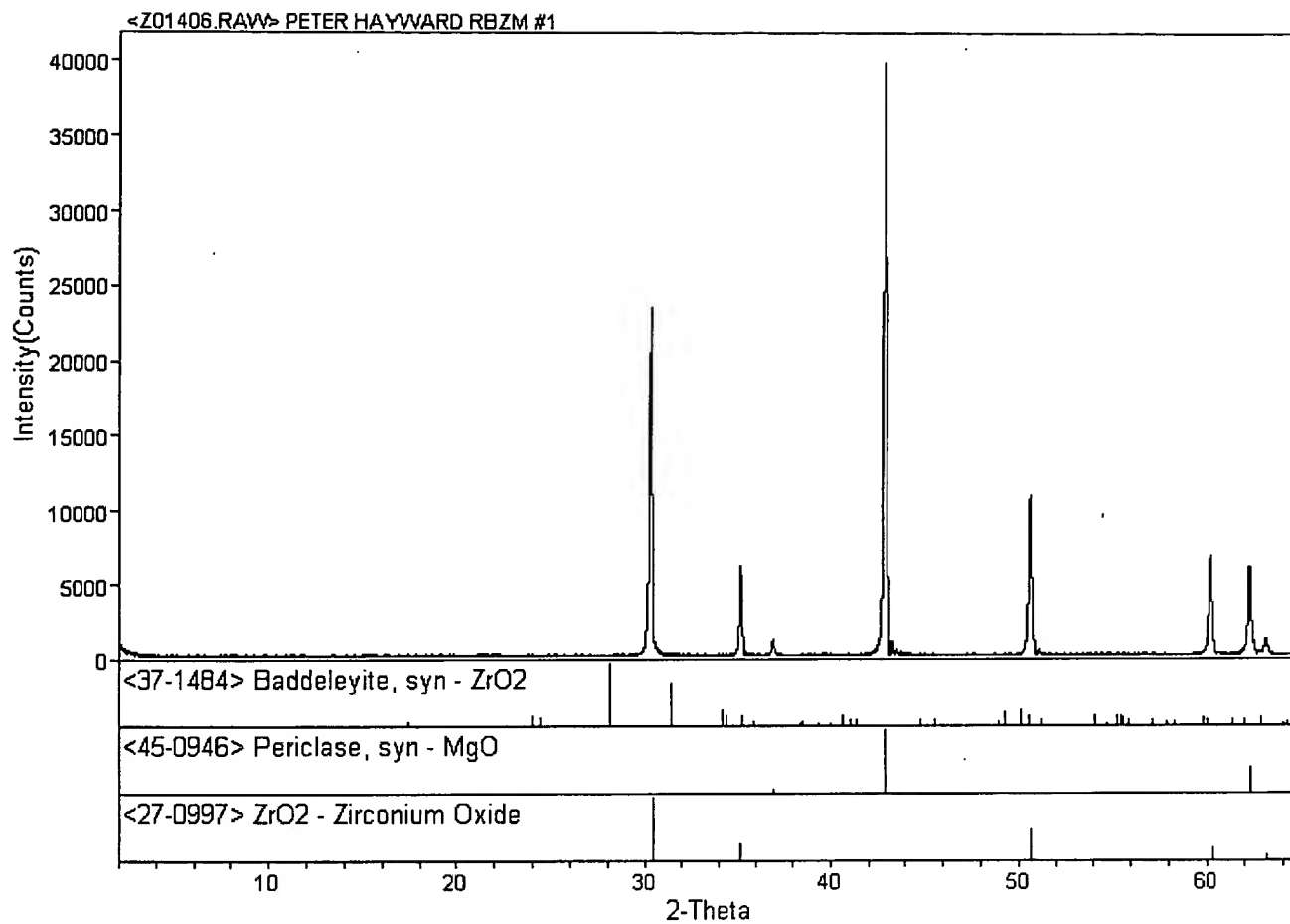


Figure 2: XRD trace for RBZM-1

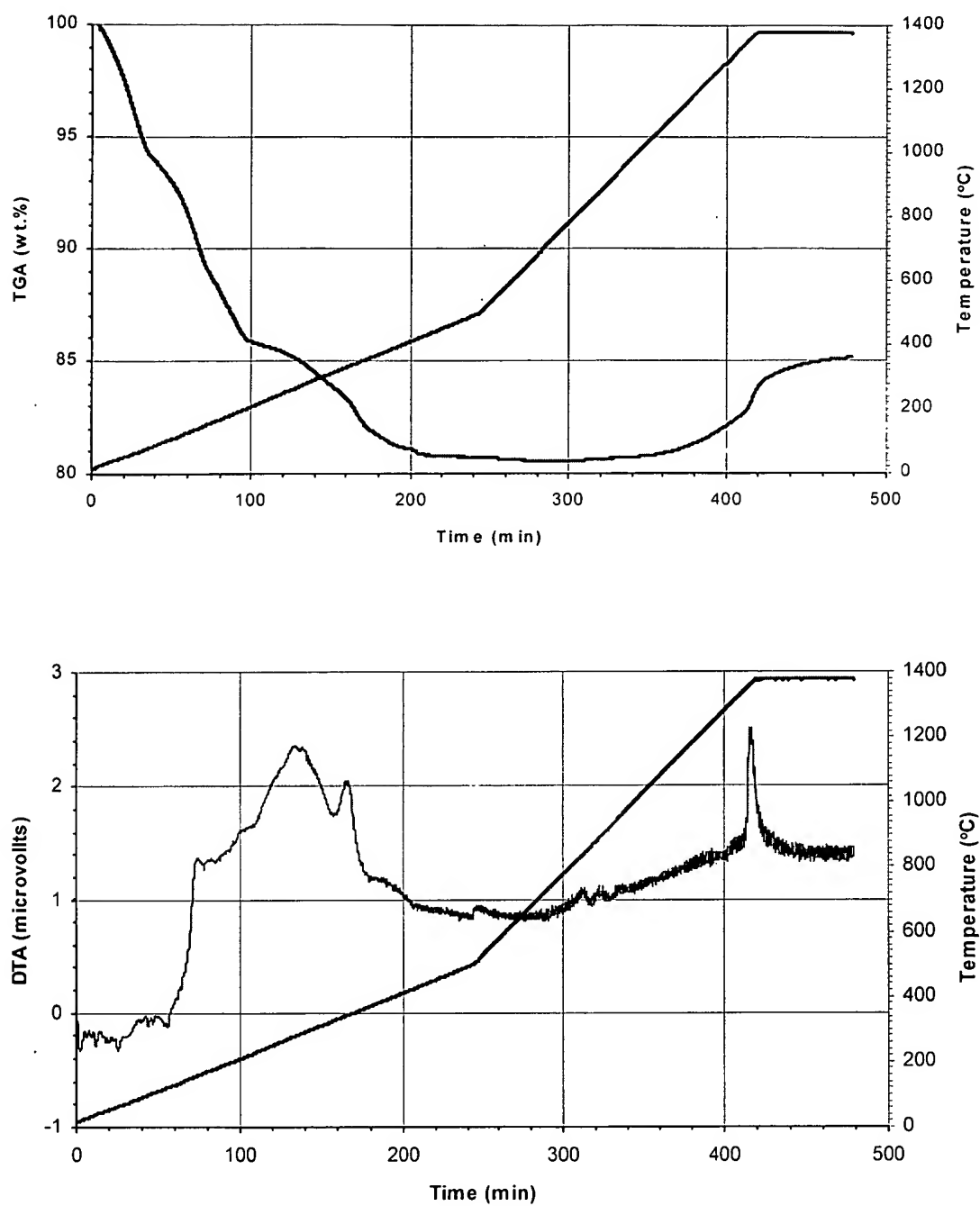


Figure 3: TGA and DTA plots versus time for MS #6 mix

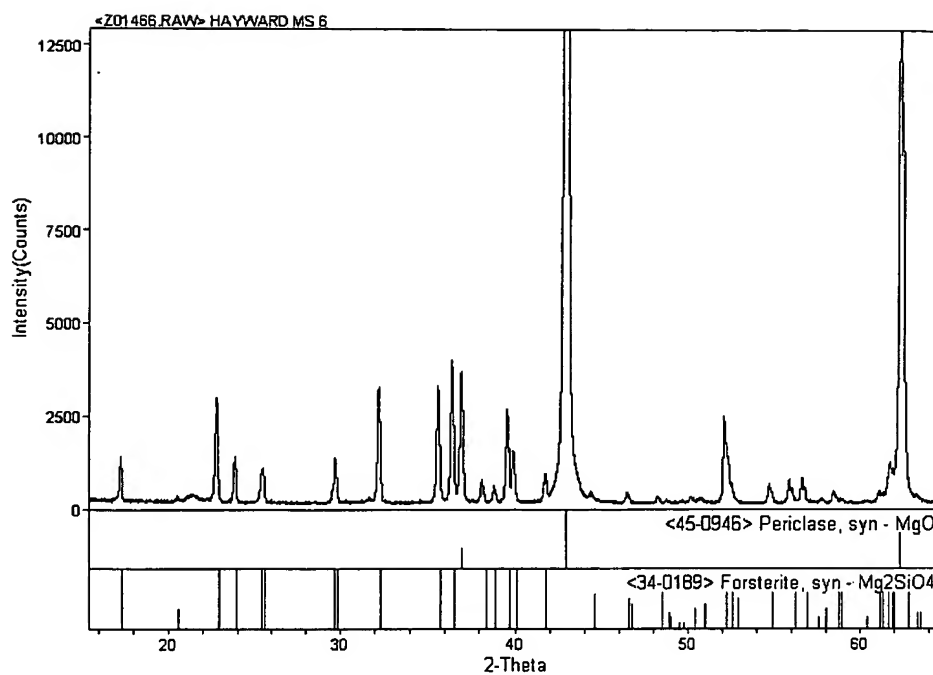


Figure 4. XRD results for MS-6 specimen after 4-h firing at 1500°C

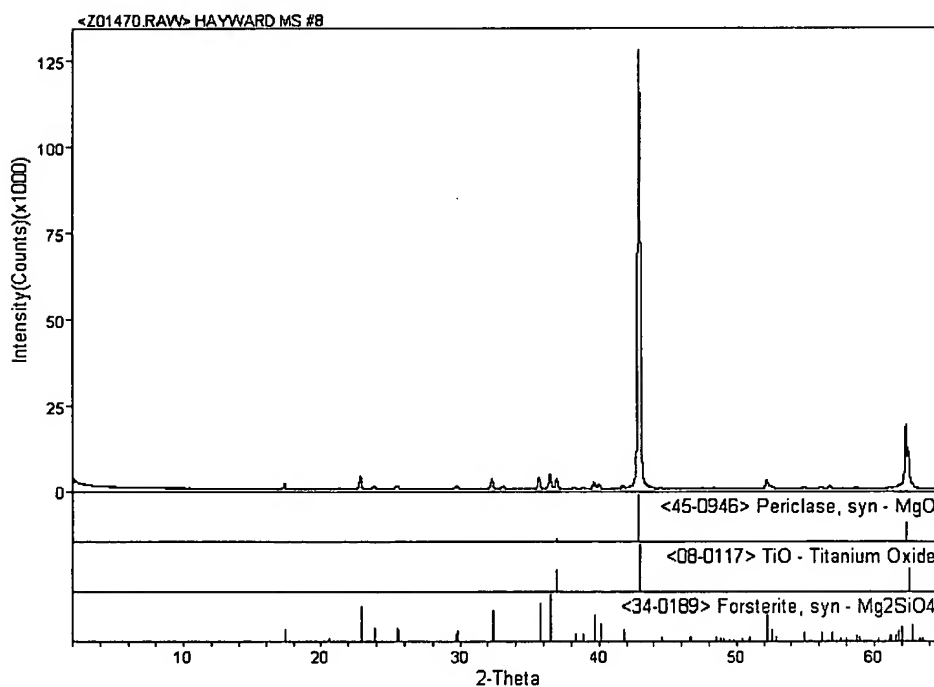


Figure 5. XRD results for MS #8 specimen after 4-h firing at 1500°C [N.B. 10 x scale of Fig.4. Also, computer identification of TiO is incorrect].

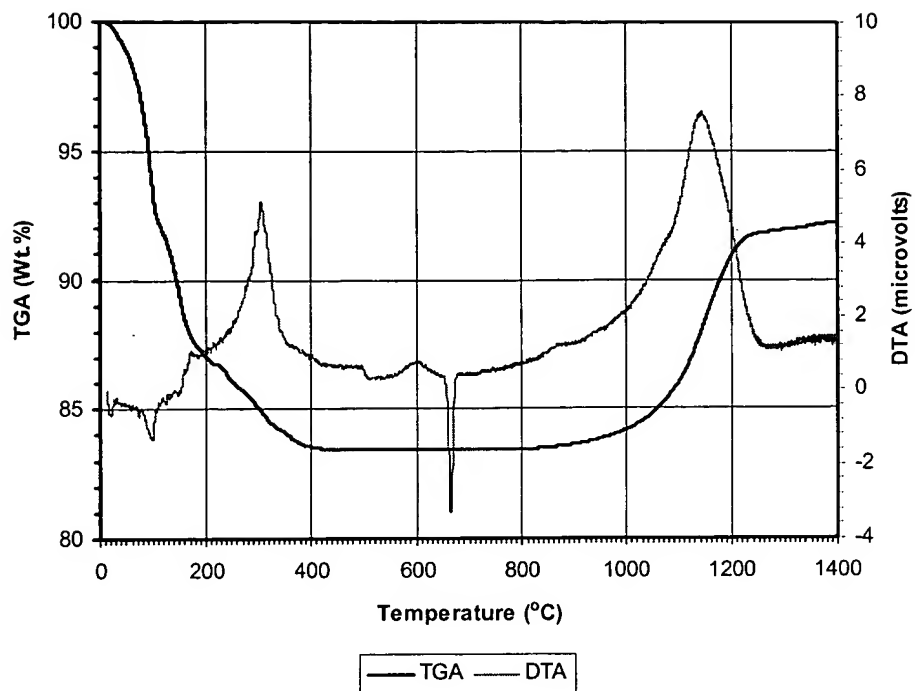


Figure 6: DTA/TGA trace for MA-1 sample, heated at 2°C/min to 500°C and at 5°C/min from 500 to 1400°C

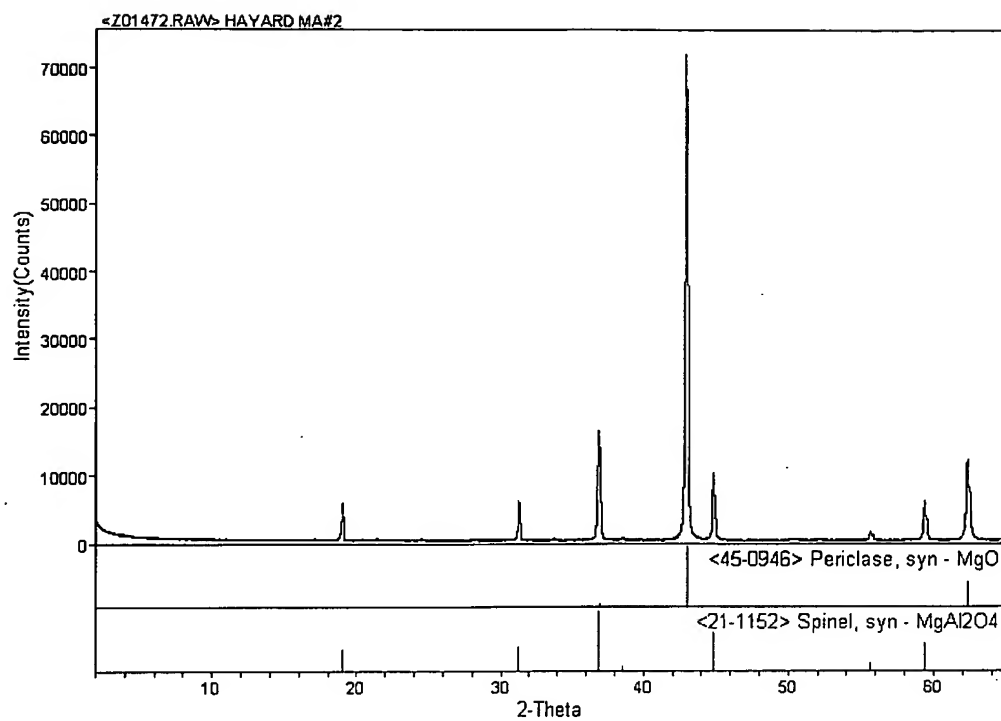


Figure 7. XRD results for MA-2 specimen, fired for 4 hours at $1500 \pm 10^{\circ}\text{C}$